

# VLED221wm

## 22" WIDESCREEN LED LCD

WITH 118% NTSC  
OPTICOLOR™ TECHNOLOGY

## Astounding color and precision.

ViewSonic's 22" VLED221wm widescreen LCD features a mercury-free LED backlight that requires less power than a standard 22" LCD but produces more brilliant color and crystal-clear images. 118% OptiColor™ NTSC technology and Super-HD 1680x1050 resolution deliver precision color rendition, while the 16:10 widescreen panel allows users to work in two documents or applications side-by-side. Unmatched 12000:1 Dynamic Contrast Ratio (typ) further supports the VLED221wm's excellent front-of-screen performance with the blackest blacks and whitest whites. OptiSync® digital and analog inputs and integrated speakers expand this display's multimedia versatility. Gamers, financial professionals, graphic designers and home office users will love the performance and style of the VLED221wm.



### ENGINEERED FOR A SUPERIOR VISUAL EXPERIENCE.

- > **OptiColor™ technology**  
Delivers 118% color saturation for richer, more precise colors. Enjoy more intense colors in your graphics, photos and documents.
- > **Fast ClearMotiv® video response**  
Video response as fast as 3ms enables digital HD broadcast-quality video.
- > **12000:1 dynamic contrast ratio (typ)**  
Provides for darker black levels and better overall front-of-screen performance.
- > **Stylish slim-bezel design**  
The thin bezel lets you see more without taking up valuable desktop real estate.
- > **OptiSync® digital/analog inputs expand your connectivity**  
Multi-mode input technology supports both digital (DVI) and analog (VGA) signals for ultimate compatibility and configuration flexibility.
- > **SRS WOW HD sound**  
Extends the speaker frequency range, delivering better response and sound performance.
- > **Windows® Vista® approved**
- > **PC and Mac compatible**
- > **ENERGY STAR® qualified**



**VIEWSONIC**  
PRODUCTS, PROGRAMS,  
AND SERVICES

**ViewSonic®**  
See the difference® 

# VLED221wm

22" WIDESCREEN LED LCD WITH 118% NTSC OPTICOLOR™ TECHNOLOGY



<b>LCD</b>	Type	22" Wide Color TFT Active Matrix LCD
	Display Area	14.8" horizontal x 11.8" vertical; 22" diagonal
	Optimum Resolution	1680x1050
	Contrast Ratio	1000:1 static (typ), 12000:1 dynamic (typ)
	Viewing Angles	170° horizontal, 160° vertical @ contrast ratio > 10:1
	Response Time	5ms (typ)
	Light Source	LED array 30,000 hrs (min)
	Brightness	250 cd/m <sup>2</sup> (typ)
	Panel Surface	Anti-glare
<b>VIDEO INPUT</b>	Analog/Digital	RGB analog (75 ohms, 0.7 Vp-p)/DVI-D 9 (with HDCP)
	Frequency	F <sub>H</sub> : 24~82kHz, F <sub>V</sub> : 50~75Hz
	Sync	H/V separated (TTL), composite, sync-on-green
<b>COMPATIBILITY</b>	PC	VGA up to 1680x1050 non-interlaced
	Mac®*	G3/G4/G5 up to 1680x1050
<b>CONNECTOR</b>	Analog/Digital	15-pin mini D-sub/DVI-D
	Power	3-pin AC plug (CEE22)
<b>AUDIO</b>	Speakers	2x2.5 watt
<b>POWER</b>	Voltage	AC 100~240V, 50~60Hz (auto switch)
	Consumption	36W (typ)
<b>CONTROLS</b>	Basic	Power, 1, down, up, 2
	OnView®	Auto image adjust, brightness, contrast, input select (analog, digital), ViewMatch® color adjust (sRGB, 9300K, 7500K, 6500K, 5000K, user color-RGB), information (resolution, H. frequency, V. frequency, pixel clock, video format, model number, serial number), manual image adjust (H. size, H. position, V. position, fine tune, sharpness), setup menu (language, resolution notice, OSD position, OSD timeout, OSD background), memory recall
<b>ERGONOMICS</b>	Tilt	-5°/+17°
<b>OPERATING CONDITIONS</b>	Temperature	41~95°F (5~35°C)
	Humidity	20~80% (non-condensing)
<b>DIMENSIONS (W x H x D)</b>	Physical with stand	20.6" x 18.9" x 9.6" (524mm x 482mm x 244mm)
	Physical without stand	20.6" x 15.3" x 2.3" (524mm x 388mm x 64mm)
<b>WEIGHT</b>	Net with stand	13.2 lb. (6.0 kg)
	Net without stand	12.8 lb. (5.8 kg)
	Gross with stand	16.5 lb. (7.5 kg)
<b>REGULATIONS</b>	UL, cUL, FCC-B, IRAM, CB, CE, ENERGY STAR®, NOM, NEMKO/GS (covers TUV/GS), NEMKO ERGO (covers TUV/ERGO, ISO 13406-2 & MPR II), GOST-R + 20 original copies hygienic, SASO, PCBC, BSMI, CCC, PSB, C-TICK, Argentina-S, Green Mark, RoHS, EPEAT-Silver	
<b>POWER MANAGEMENT</b>	Meets ENERGY STAR® standards	
<b>PACKAGE CONTENTS</b>	LCD display, power cable, 15-pin VGA video cable, DVI-D cable, audio cable, Quick Start Guide, ViewSonic Wizard CD	
<b>WARRANTY</b>	Three-year limited warranty on LCD, parts and labor	



ViewSonic Corporation's QMS & EMS have been registered to ISO 9001 & ISO 14001, respectively, by the British Standards Institution.

Sales: (888) 881-8781 • SalesInfo@ViewSonic.com • ViewSonic.com

\*Adapter may be required. Analog adapter available from ViewSonic. Specifications subject to change without notice. Selection, offers and programs may vary by country; see your ViewSonic representative for complete details. Windows Vista and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Corporate names, trademarks stated herein are the property of their respective companies. Copyright © 2008 ViewSonic Corporation. All rights reserved. [13837-02B-04/08] VLED221wm-1

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See the difference® 

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